## EAST Search History

| Ref #      | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|---|--|---------------------|---------|---------------------|
| S1         | 479  | electrode\$2 same (conduct<br>\$4 near4 (coat\$4 or layer<br>\$4)) same (("tio.sub.2" or<br>"titanium dioxide") near4<br>(coat\$4 or layer\$4))                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR                  | ON      | 2008/09/30<br>08:49 |
| 82         | 12   | S1 and (nucleic or<br>\$5nucleotide\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR                  | ON      | 2008/09/30<br>08:50 |
| S3         | 46   | electrode\$2 same (conduct<br>\$4 near4 (coat\$4 or layer<br>\$4)) same (("tio.sub.2" or<br>"titanium dioxide") near4<br>(coat\$4 or layer\$4)) same<br>advantag\$7 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR                  | ON      | 2008/09/30<br>08:51 |
| S4         | 79   | S1 and (photoelectric\$4 or ccd or "charge couple")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR                  | ON      | 2008/09/30<br>08:53 |
| <b>9</b> 5 | 6    | S3 and S4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR                  | ON      | 2008/09/30<br>08:54 |
| <b>9</b> 6 | 0    | "534368".pn. and rutile\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR                  | ON      | 2008/09/30<br>09:16 |
| S7         | 1    | "534368".ap. and rutile\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR                  | ON      | 2008/09/30<br>09:16 |
| S8         | 1    | "20020081716".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR                  | ON      | 2008/09/30<br>09:17 |
| S9         | 1    | "6093370".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR                  | ON      | 2008/09/30<br>09:32 |

| S10         | 102  | ("aluminum oxide" or "al.<br>sub.2o.sub.3") near4<br>(light near4 (absorb\$4 or<br>absorp\$4 of adsorb\$ or<br>adsorp\$4))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>10:51 |
|-------------|------|--|--|----|----|---------------------|
| S11         | 13   | ("aluminum oxide" or "al.<br>sub.2o.sub.3") near4<br>(light near4 (absorb\$4 or<br>absorp\$4 of adsorb\$ or<br>adsorp\$4)) same (transmit<br>\$4 near4 light)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>10:52 |
| S12         | 98   | ("aluminum oxide" or "al.<br>sub.2o.sub.3") same (light<br>near4 (absorb\$4 or absorp<br>\$4 of adsorb\$ or adsorp<br>\$4)) same (transmit\$4<br>near4 light)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>10:58 |
| S13         | 34   | ("aluminum oxide" or "al. sub.2o.sub.3") same (wavelength\$2 near4 (absorb\$4 or absorp\$4 of adsorb\$ or adsorp\$4)) same (transmit\$4 near4 wavelength\$4)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30          |
| S14         | 43   | ("aluminum oxide" or "al. sub.2o.sub.3" or alumina) same (wavelength\$2 near4 (absorb\$4 or absorp \$4 of adsorb\$ or adsorp \$4)) same (transmit\$4) near4 wavelength\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>11:14 |
| <b>S</b> 15 | 9    | S14 not S13  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>11:15 |
| S16         | 3    | ("5846708" or "6093370"<br>or "20020081716").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>11:18 |
| S17         | 4941 | ((titanium near2 (oxide or<br>dioxide)) or "tio.sub.2")<br>same ((thick or thickness<br>\$4) near4 (nanometer\$2<br>or nm))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>11:46 |
| S18         | 4941 | ((titanium near2 (oxide or<br>dioxide)) or "tio.sub.2")<br>same ((thick or thickness<br>\$4) near4 (nanometer\$2<br>or nm))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>12:01 |

| S19  | 119   | \$18 and (nucleic or<br>\$5nucleotide\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>12:01 |
|------|-------|--|--|----|----|---------------------|
| S20  | 4     | S19 and ((thick or<br>thickness\$4) near4<br>(nanometer\$2 or nm)<br>same advantag\$7) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>12:01 |
| S21  | 32822 | anode near4 positive\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>12:34 |
| S22  | 8683  | anode near4 positive\$2<br>near4 volt\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>12:34 |
| S23  | 6397  | \$22 and<br>@pd<"20000101"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>12:35 |
| S24  | 136   | S23 and<br>@pd> "19990101"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>12:35 |
| \$25 | 6462  | ("aluminum oxide" near4<br>insulat\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>12:38 |
| S26  | 2417  | \$25 and<br>@pd<"20000101"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>12:39 |
| S27  | 143   | \$26 and<br>@pd> "19990101"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>12:43 |
| S28  | 41702 | ("silicon oxide" near4<br>insulat\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM TDB | OR | ON | 2008/09/30<br>12:52 |

| S29         | 8433 | \$28 and<br>@pd<"20000101"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>112:53 |
|-------------|------|---|--|----|----|----------------------|
| S30         | 1098 | \$29 and<br>@pd> "19990101"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>12:53  |
| S31         | 3    | ("5846708" or "6093370"<br>or "20020081716").pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:02  |
| S32         | 0    | S31 and ("field effect" or<br>mostfet or fet)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:02  |
| S33         | 1    | "5381028".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:04  |
| S34         | 0    | "5463420pn."  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:21  |
| <b>S3</b> 5 | 1    | "5463420".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:21  |
| <b>S3</b> 6 | 1476 | ((titanium near2 (oxide or<br>dioxide)) or "tio.sub.2")<br>same (rutile or anatase)<br>same advantag\$7 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:42  |
| S37         | 17   | \$36 and (nucleic or<br>\$5nucleotide\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:42  |
| S38         | 224  | S36 and ((titanium near2<br>(oxide or dioxide)) or "tio.<br>sub.2") same optic\$4                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM TDB | OR | ON | 2008/09/30<br>13:43  |

| S39 | 83  | S38 and<br>@pd<"20000101"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:43 |
|-----|-----|---|--|----|----|---------------------|
| S40 | 0   | S31 and (rutile or<br>anatase)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:44 |
| S41 | 220 | ((titanium near2 (oxide or<br>dioxide)) or "tio.sub.2")<br>near10 (rutile or anatase)<br>near10 advantag\$7 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:47 |
| S42 | 100 | S41 and<br>@pd<"20000101"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:49 |
| S43 | 0   | \$42 and (nucleic or<br>\$5nucleotide\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:50 |
| S44 | 49  | S41 and ((titanium near2<br>(oxide or dioxide)) or "tio.<br>sub.2") same optic\$4                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:50 |
| S45 | 0   | "I287" and ((titanium<br>near2 (oxide or dioxide))<br>or "tio.sub.2") same optic<br>\$4                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:50 |
| S46 | 19  | S42 and ((titanium near2<br>(oxide or dioxide)) or "tio.<br>sub.2") same optic\$4                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; JPO;<br>IBM_TDB | OR | ON | 2008/09/30<br>13:50 |

<sup>9/30/2008 3:55:52</sup> PM

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